



Mr. William Y. Ellis
Chief, Department of Chemical Information
Division of Experimental Therapeutics
Walter Reed Army Institute of Research
Washington, DC 20307-5100

August 13, 1999

Dear Sir:

This letter reports our findings on the determination of squalene in one vial anthrax vaccine adsorbed product.

One vial (unit) of Anthrax Vaccine Adsorbed™, manufactured by Michigan Biologic Products Institute, Lansing, MI 48909, US License No. 99, Lot No. FAV 043, expiration date: 12 March 2000, was received 16 June 1999.

We have assayed for squalene in the above vial of anthrax vaccine adsorbed. No squalene was detected. The limit of detection is 70 nanogram squalene/0.5 mL of vaccine product, which volume is the label dose.

We will prepare and submit our final report as soon as the study is completed.

Sincerely yours,

Peter Lim, Ph.D.
Principal Investigator
Catalysis and Anal. Chem. Dept.
Pure and Applied Phys. Chem. Div.

Ronald J. Spangord, Ph.D.
Assistant Principal Investigator
Catalysis and Anal. Chem. Dept.
Pure and Applied Phys. Chem. Div.